

### REMARKS

Claims 1-3 and 6 are pending. In this paper, claims 4 and 7-10 have been canceled and the remaining claims have been amended. In addition, the specification has been amended to correct a typographical error.

In the Office Action, claims 1 and 2 were rejected under 35 USC § 102(b) for being anticipated by the Kuroiwa publication. This rejection is traversed on grounds that the Kuroiwa publication does not teach or suggest the features of the invention added by amendment to claim 1, including (c) generating a first correlation value based on multiplication of only one of the first part of the baseband data and the first part of the synchronous code data, or the second part of the baseband data and the second part of the synchronous code data, (d) detecting whether the first correlation value is greater than a preset threshold value, and (e) determining a synchronous position based on (d) if the first correlation value is greater than the preset threshold value.

That is, the Kuroiwa publication discloses calculating correlation values based on baseband and synchronous data. However, this publication does not teach or suggest the features in steps (c), (d), and (e) recited in claim 1. Without a disclosure of these features, Applicants respectfully submit that the Kuroiwa publication does not anticipate claim 1 or any of its dependent claims.

Dependent claim 2 recites that if the first correlation value is greater than the preset threshold value, then reading additional baseband data and synchronous code data, performing (a)-(c) for the additional baseband and synchronous code data, determining whether a second correlation value generated based on the additional baseband and synchronous code data is greater than the present threshold value, determining which of the first or second correlation values is a maximum value, and determining a baseband data position based on the maximum correlation value, the synchronous position corresponding to or being based on the baseband data position. The Kuroiwa publication does not disclose these features. Accordingly, it is submitted that claim 2 is allowable apart from its dependency from claim 1.

Claims 3-10 were rejected under 35 USC § 103(a) for being obvious in view of a Kuroiwa-Papasakellariou combination. Applicants traverse the rejection of claim 3 on grounds that the Papasakellariou patent does not teach or suggest the features of base claim 1 missing from the Kuroiwa publication. For example, Papasakellariou does not teach or suggest (c) generating a first correlation value based on multiplication of only one of the first part of the baseband data and the first part of the synchronous code data, or the second part of the baseband data and the second part of the synchronous code data, and then determining a synchronous position based on the first correlation value.

Claim 6 recites extracting baseband data by dividing it into a certain block units, generating a correlation value based on the extracted baseband data and synchronous code data, detecting whether the correlation value is greater than a preset threshold value, if the correlation

Serial No. 10/691,704  
Amdt. dated December 3, 2007  
Reply to Office Action of September 4, 2007

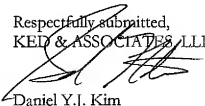
Docket No. P-0600

value is greater than the preset threshold value, then multiplying previous/next data of the detected baseband data by only a real number unit of the synchronous code data; and determining a synchronous position based on a result of said multiplication. These underlined features are not taught or suggested by the cited references, whether taken alone or in combination.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and timely allowance of the application is respectfully requested.

To the extent necessary, a petition for an extension of time under 37 CFR § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
KED & ASSOCIATES, LLP



Daniel Y.J. Kim  
Registration No. 36,186

Samuel W. Nitros  
Registration No. 39,318

P.O. Box 221200  
Chantilly, Virginia 20153-1200  
(703) 766-3777 DYK/SWN/kzw  
Date: December 3, 2007

Please direct all correspondence to Customer Number 34610